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IFW #6

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Docket No. **403-03**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: **10/687,012** Group Art Unit: **2862**
Filing Date: **October 16, 2003** Examiner: **L. Arana**
Inventor: **Romalis et al.**
Title of Application: **High Sensitivity Atomic Magnetometer and Methods for Using Same**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**LETTER OF TRANSMITTAL
REPLY UNDER 37 CFR § 1.111**

Dear Sir:

This communication includes the following items:

- ☒ Reply Under 37 CFR § 1.111, including Claim Listing
- ☒ 5 Replacement Drawing Sheets containing amended Figures 1-5
- ☒ Patent Application Fee Determination Record
- ☒ Check No. 1118 for \$500.00 for present extra claims
- ☒ Return Receipt Post Card.

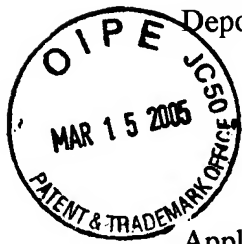
Applicants believe that this reply is timely filed and that no fee for extension of time is due.
Please pay any additional fee due from, or credit any overpayment to, Proteus Patent Practice LLC
Deposit Account No. 502572, Ref. No. 403-03.

Respectfully submitted,

Date: March 15, 2005

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Dear Sir:

I. Status of the application

In the Office Action mailed December 15, 2004, Figures 1-5 are objected to, and claims 1-82 are rejected under 35 USC 102(a) as being anticipated by Allred et al. In addition paragraph 3 of the Office Action advises Applicant of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made.

II. Objection to Figures 1-5

Applicants submit herewith replacement drawing sheets for Figures 1-5 that are believed to be in compliance with 37 CFR 1.121(d). In particular, textual labels have been added to Figures 1-5 that characterize the components identified by reference numerals, in accordance with the specific objection raised in the Office Action. The amendments to Figures 1-5 adding the labels are supported in the specification at least at pages 14, 16-23, and 25; and in Figs. 1-5 as originally filed. No new matter is introduced by these amendments.

Applicants believe that this objection is now overcome, and respectfully request that the objection be withdrawn at this time.

03/17/2005 EABUBAK1 00000133 10687012

01 FC:2201
02 FC:2202

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